

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5744051	"5"	US-PGPUB; USPAT; EPO	ADJ	ON	2007/10/09 07:22
L2	14	"5911140"	US-PGPUB; USPAT; EPO	ADJ	ON	2007/10/09 07:22
L3	1	("5911140").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/10/09 07:23
L4	1	("20030212669").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/10/09 07:24
L5	1	("20010016846").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/10/09 07:24
L6	1	("20020059395").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/10/09 07:24
L7	1	("20020169764").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/10/09 07:25
S1	2	US-20020123904-\$ DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/10/03 16:49
S2	4	US-1072005-\$ DID. OR US-5911140-\$ DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2007/10/03 11:27
S3	14	(relevance or related) near4 bar same ((web near4 listing) or (search near4 result\$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/03 14:28
S4	10	(relevance or related) near3 bar same ((web near4 listing) or (search near4 result\$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/03 14:14

## EAST Search History

S5	6068	(relevance or related) near4 bar	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/03 14:29
S6	2	(relevance or related) near4 bar same indicat\$5 same query near4 frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/03 14:33
S7	1	("20050222981").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/10/03 16:47
S8	1	("5911140").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/10/03 16:48
S9	1	("20020046257").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/10/03 17:54
S10	55	relevance near4 bar	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/03 16:54
S11	46	relevance near3 bar	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/03 16:59
S12	17	"5886698"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/10/03 17:52
S13	173	word near3 frequency same search near3 engine	US-PGPUB; USPAT; EPO	ADJ	ON	2007/10/03 17:54
S14	377	relevance near4 rank\$5 same web	US-PGPUB; USPAT; EPO	ADJ	ON	2007/10/09 06:50

## EAST Search History

S15	10921	707/100	US-PGPUB; USPAT; EPO	ADJ	ON	2007/10/09 06:50
S16	43	S15 and S14	US-PGPUB; USPAT; EPO	ADJ	ON	2007/10/09 07:02
S17	1	("6983273").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/10/09 06:52
S18	1	("20020046257").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/10/09 06:53
S19	1	("5886698").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/10/09 06:53
S20	1	("5991140").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/10/09 06:53
S21	1	"20030088554"	US-PGPUB; USPAT; EPO	ADJ	ON	2007/10/09 06:54
S22	1	("20020123904").PN.	US-PGPUB; USPAT; EPO	OR	OFF	2007/10/09 07:03
S23	1285	(715/810).CCLS.	US-PGPUB; USPAT; EPO	OR	OFF	2007/10/09 07:16
S24	5696	(707/100).CCLS.	US-PGPUB; USPAT; EPO	OR	OFF	2007/10/09 07:16
S25	6973	S23 or S24	US-PGPUB; USPAT; EPO	ADJ	ON	2007/10/09 07:17
S26	863	relevance near3 ranking	US-PGPUB; USPAT; EPO	ADJ	ON	2007/10/09 07:18
S27	43	S26 and S25	US-PGPUB; USPAT; EPO	ADJ	ON	2007/10/09 07:20

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Titles of most frequently occurring classifications of patents returned from a search of 10554031 on Oct 09 , 2007

15 707/10 (9 OR, 6 XR)  
STRUCTURES Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA

707/1 .DATABASE OR FILE ACCESSING  
707/10 ..Distributed or remote access

10 707/3 (5 OR, 5 XR)  
STRUCTURES Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA

707/1 .DATABASE OR FILE ACCESSING  
707/3 ..Query processing (i.e., searching)

9 715/513 (2 OR, 7 XR)  
OPERATOR INTERFACE PROCESSING, AND SCREEN SAVER DISPLAY PROCESSING  
Class 715 DATA PROCESSING: PRESENTATION PROCESSING OF DOCUMENT,  
715/500 ..PRESENTATION PROCESSING OF DOCUMENT  
715/513 ..Structured document (e.g., HTML, SGML, ODA, CDA)

7 707/E17.114 (0 OR, 7 XR)  
STRUCTURES Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA

707/E17.001 ..INFORMATION RETRIEVAL; DATABASE STRUCTURES THEREFORE (EPO)  
707/E17.107 ...Retrieval from the Internet, e.g., browsers, etc. (EPO)  
707/E17.112 ...By using information identifiers, e.g., encoding URL in  
specific indicia, browsing history, etc. (EPO)  
707/E17.114 ....Bookmark management (EPO)

7 707/E17.111 (0 OR, 7 XR)  
STRUCTURES Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA

707/E17.001 ..INFORMATION RETRIEVAL; DATABASE STRUCTURES THEREFORE (EPO)  
707/E17.107 ...Retrieval from the Internet, e.g., browsers, etc. (EPO)  
707/E17.111 ...By navigation, e.g., using categorized browsing, portals,  
synchronized browsing, visual networks of documents, virtual worlds or tours, etc.  
(EPO)

6 707/104.1 (4 OR, 2 XR)  
STRUCTURES Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA

707/100 ..DATABASE SCHEMA OR DATA STRUCTURE  
707/104.1 ..Application of database or data structure (e.g.,  
distributed, multimedia, image)

5 707/100 (1 OR, 4 XR)  
STRUCTURES Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA

707/100 ..DATABASE SCHEMA OR DATA STRUCTURE

5 715/501.1 (1 OR, 4 XR)  
OPERATOR INTERFACE PROCESSING, AND SCREEN SAVER DISPLAY PROCESSING  
Class 715 DATA PROCESSING: PRESENTATION PROCESSING OF DOCUMENT,  
715/500 ..PRESENTATION PROCESSING OF DOCUMENT  
715/501.1 ..Hypermedia

5 707/5 (1 OR, 4 XR)  
STRUCTURES Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA

707/1 ..DATABASE OR FILE ACCESSING  
707/3 ..Query processing (i.e., searching)

707/5 ...Query augmenting and refining (e.g., inexact access)

5 709/218 (1 OR, 4 XR)

Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:

MULTICOMPUTER DATA TRANSFERRING

709/217 .REMOTE DATA ACCESSING

709/218 ..Using interconnected networks

5 707/E17.109 (0 OR, 5 XR)

STRUCTURES Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA

707/E17.001 .INFORMATION RETRIEVAL; DATABASE STRUCTURES THEREFORE (EPO)

707/E17.107 ..Retrieval from the Internet, e.g., browsers, etc. (EPO)

707/E17.108 ...By querying, e.g., search engines or meta-search engines, crawling techniques, push systems, etc. (EPO)

707/E17.109 ....With filtering and personalization (EPO)

4 707/4 (0 OR, 4 XR)

STRUCTURES Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA

707/1 .DATABASE OR FILE ACCESSING

707/3 ..Query processing (i.e., searching)

707/4 ...Query formulation, input preparation, or translation

4 707/6 (1 OR, 3 XR)

STRUCTURES Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA

707/1 .DATABASE OR FILE ACCESSING

707/3 ..Query processing (i.e., searching)

707/6 ...Pattern matching access

4 707/E17.108 (0 OR, 4 XR)

STRUCTURES Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA

707/E17.001 .INFORMATION RETRIEVAL; DATABASE STRUCTURES THEREFORE (EPO)

707/E17.107 ..Retrieval from the Internet, e.g., browsers, etc. (EPO)

707/E17.108 ...By querying, e.g., search engines or meta-search engines, crawling techniques, push systems, etc. (EPO)

4 707/102 (2 OR, 2 XR)

STRUCTURES Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA

707/100 .DATABASE SCHEMA OR DATA STRUCTURE

707/102 ..Generating database or data structure (e.g., via user interface)

3 709/224 (1 OR, 2 XR)

CLASS 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:

MULTICOMPUTER DATA TRANSFERRING

709/223 .COMPUTER NETWORK MANAGING

709/224 ..Computer network monitoring

3 715/531 (2 OR, 1 XR)

OPERATOR INTERFACE PROCESSING, AND SCREEN SAVER DISPLAY PROCESSING Class 715 DATA PROCESSING: PRESENTATION PROCESSING OF DOCUMENT,

715/500 .PRESENTATION PROCESSING OF DOCUMENT

715/530 ..Edit, composition, or storage control

715/531 ...Text

3 715/733 (3 OR, 0 XR)

OPERATOR INTERFACE PROCESSING, AND SCREEN SAVER DISPLAY PROCESSING Class 715 DATA PROCESSING: PRESENTATION PROCESSING OF DOCUMENT,

715/700 ..OPERATOR INTERFACE (E.G., GRAPHICAL USER INTERFACE)

715/733

..For plural users or sites (e.g., network)

3 707/E17.094 (0 OR, 3 XR)

Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA  
STRUCTURES707/E17.001 .INFORMATION RETRIEVAL; DATABASE STRUCTURES THEREFORE (EPO)  
707/E17.058 ..Of unstructured textual data (EPO)  
707/E17.093 ...Browsing or visualization (EPO).  
707/E17.094 ....Summarization for human users (EPO)

3 707/E17.013 (0 OR, 3 XR)

Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA  
STRUCTURES(EPO) 707/E17.001 .INFORMATION RETRIEVAL; DATABASE STRUCTURES THEREFORE (EPO)  
707/E17.011 ..Processing chained data, e.g., graphs, linked lists, etc.  
707/E17.013 ...Hypermedia (EPO)

2 707/E17.121 (0 OR, 2 XR)

Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA  
STRUCTURES707/E17.001 .INFORMATION RETRIEVAL; DATABASE STRUCTURES THEREFORE (EPO).  
707/E17.107 ..Retrieval from the Internet, e.g., browsers, etc. (EPO)  
707/E17.119 ...Browsing optimization (EPO)  
707/E17.121 ....Optimizing the visualization of content, e.g.,  
distillation of HTML documents, etc. (EPO)

2 707/7 (0 OR, 2 XR)

Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA  
STRUCTURES707/1 .DATABASE OR FILE ACCESSING  
707/7 ..Sorting

2 707/9 (0 OR, 2 XR)

Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA  
STRUCTURES707/1 .DATABASE OR FILE ACCESSING  
707/9 ..Privileged access

2 707/203 (0 OR, 2 XR)

Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA  
STRUCTURES707/200 ..FILE OR DATABASE MAINTENANCE  
707/201 ..Coherency (e.g., same view to multiple users)  
707/203 ...Version management

2 715/738 (0 OR, 2 XR)

Class 715 DATA PROCESSING: PRESENTATION PROCESSING OF DOCUMENT,  
OPERATOR INTERFACE PROCESSING, AND SCREEN SAVER DISPLAY PROCESSING715/700 ..OPERATOR INTERFACE (E.G., GRAPHICAL USER INTERFACE)  
715/733 ..For plural users or sites (e.g., network)  
715/738 ...Network resource browsing or navigating

2 707/E17.119 (0 OR, 2 XR)

Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA  
STRUCTURES707/E17.001 .INFORMATION RETRIEVAL; DATABASE STRUCTURES THEREFORE (EPO)  
707/E17.107 ..Retrieval from the Internet, e.g., browsers, etc. (EPO)  
707/E17.119 ...Browsing optimization (EPO)

2 715/745 (1 OR, 1 XR)

Class 715 DATA PROCESSING: PRESENTATION PROCESSING OF DOCUMENT,  
OPERATOR INTERFACE PROCESSING, AND SCREEN SAVER DISPLAY PROCESSING

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715/700 .OPERATOR INTERFACE (E.G., GRAPHICAL USER INTERFACE)  
715/733 ..For plural users or sites (e.g., network)  
715/744 ...Interface customization or adaption (e.g., client server)  
715/745 ....Based on stored usage or user profile (e.g., frequency  
of use, cookies)

2 715/530 (1 OR, 1 XR)  
Class 715 DATA PROCESSING: PRESENTATION PROCESSING OF DOCUMENT,  
OPERATOR INTERFACE PROCESSING, AND SCREEN SAVER DISPLAY PROCESSING  
715/500 .PRESENTATION PROCESSING OF DOCUMENT  
715/530 ..Edit, composition, or storage control

2 715/854 (0 OR, 2 XR)  
Class 715 DATA PROCESSING: PRESENTATION PROCESSING OF DOCUMENT,  
OPERATOR INTERFACE PROCESSING, AND SCREEN SAVER DISPLAY PROCESSING  
715/700 .OPERATOR INTERFACE (E.G., GRAPHICAL USER INTERFACE)  
715/764 ..On-screen workspace or object  
715/853 ...Hierarchy or network structure  
715/854 ....Navigation within structure

2 707/2 (1 OR, 1 XR)  
Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA  
STRUCTURES  
707/1 .DATABASE OR FILE ACCESSING  
707/2 ..Access augmentation or optimizing

2 715/751 (0 OR, 2 XR)  
Class 715 DATA PROCESSING: PRESENTATION PROCESSING OF DOCUMENT,  
OPERATOR INTERFACE PROCESSING, AND SCREEN SAVER DISPLAY PROCESSING  
715/700 .OPERATOR INTERFACE (E.G., GRAPHICAL USER INTERFACE)  
715/751 ..Computer supported collaborative work between plural users

2 715/514 (0 OR, 2 XR)  
Class 715 DATA PROCESSING: PRESENTATION PROCESSING OF DOCUMENT,  
OPERATOR INTERFACE PROCESSING, AND SCREEN SAVER DISPLAY PROCESSING  
715/500 .PRESENTATION PROCESSING OF DOCUMENT  
715/514 ..Hierarchical control

2 709/217 (1 OR, 1 XR)  
Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:  
MULTICOMPUTER DATA TRANSFERRING  
709/217 .REMOTE DATA ACCESSING

2 434/350 (2 OR, 0 XR)  
Class 434 EDUCATION AND DEMONSTRATION  
434/322 .QUESTION OR PROBLEM ELICITING RESPONSE  
434/350 ..Response of plural examinees communicated to monitor or  
recorder by electrical signals